CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

NO: CQCE/3rd Party/ Yelahanka Zone /35/ 2022-23 Date: 14.07.2022

To,
Executive Engineer,
Electrical – Yelahanka Zone
BBMP, Bangalore.

Sir

Sub:- Submission of 3rd Party Report for the work of : Providing LED Street lights/Control Switches/Control Wires at Dark/Vulnerable places in Ward No.01,02,03&04, BBMP, Bangalore.....reg.

Ref:- (i)**Job code No.** 001-22-000010
(ii)W.O.No: EE/ELE/YZ/W.O/000017/2022-23 Dated: 27.04.2022

Adverting to the above, we would like to submit the 3rd Party Inspection Report for the above said work in Electrical – **Yelahanka Zone** along with Assistant Executive Engineer, Electrical **(Yelahanka Zone)**, and Mr. S M Sathya Narayana, (Electrtical Engineer, 3rd Party Consultants), Bangalore on 14.07.2022

The following works inspected the details of works inspected is as follows,

Sl no	Name of the work	Amount of estimate Rs in Lakhs.	Remarks
1	Providing LED Street lights/Control Switches/Control Wires at Dark/Vulnerable places in Ward No.01,02,03&04, BBMP, Bangalore.	Rs. 131.00 Lakhs (2nd and Final bill)	Work carried out satisfactorily Details mentioned in 3rd party compliance report

For details of works and measurements checked during the inspection time in the presence if the officials /officers afore said.

This is for favor of kind information and needful in the matter.

Enclosures: 3rd part Inspection report
Thanking you

Yours faithfully
Authorized signatory

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Name of Work : Providing LED Street lights/Control Switches/Control Wires at Dark/Vulnerable places in Ward No.01,02,03&04, BBMP, Bangalore.

Name of Client	:	**Executive Engineer, (Electrical) Yelahanka Zone,** BBMP, Bangalore.
Contractor/Agency	:	**M/s.Suraksha Electricals,** Contractor, Bangalore.
Total Cost	:	Rs. 130.67 Lakhs
Date of Inspection	:	14.07.2022
Work Order Number	:	EE(ELE)/YZ/WO/000017/22-23
Status of Bill	:	2nd and Final Bill
In the Presence of	:	(a) **Assistant Engineer (W.No.001),** BBMP, Bangalore.
	:	(b) **Mr. S M Sathya Narayana,** Engineer
	:	M/S Civil Quality Consultants and Engineers, Bangalore

Sl.No	Description of the Item		Comments / observations
1	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear	:	Work done up to the billed quantity and Quality is satisfactory
2	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
3	Supplying and Fixing of. mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light	:	Work done up to the billed quantity and Quality is satisfactory
4	Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or	:	Work done up to the billed quantity and Quality is satisfactory
5	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using	:	Work done up to the billed quantity and Quality is satisfactory
6	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph	:	Work done up to the billed quantity and Quality is satisfactory
7	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-	:	Work done up to the billed quantity and Quality is satisfactory
8	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as	:	Work done up to the billed quantity and Quality is satisfactory
9	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate	:	Work done up to the billed quantity and Quality is satisfactory
10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve,	:	Work done up to the billed quantity and Quality is satisfactory
11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts,	:	Work done up to the billed quantity and Quality is satisfactory
12	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter.(Togal switch)	:	Work done up to the billed quantity and Quality is satisfactory

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(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Sl.No	Description of the Item		Comments / observations
13	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.25x3mm GI strip	:	Work done up to the billed quantity and Quality is satisfactory
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed	:	Work done up to the billed quantity and Quality is satisfactory
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.6 sqmm	:	Work done up to the billed quantity and Quality is satisfactory
16	Supply of RCC Pole - 9 Mtr Long, 145 Kg WL (Dwg No.BESCOM/GM/QS&S/02 Dtd 24.11.2018) as per IS-785	:	Work done up to the billed quantity and Quality is satisfactory
17	Digging of Pits 1.8 mtr depth for errection of 9 to 10 mtr Long Steel/RCC/PSC supports as per approved Drawing. 1)Ordinary Soil	:	Work done up to the billed quantity and Quality is satisfactory
18	Supply of LT 2 Pin X Arms - MS (Dwg No. BESCOM/GM/QS&S/32 Dtd 24.11.2018)	:	Work done up to the billed quantity and Quality is satisfactory
19	Erection of steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail,27.22 kg (60 Lbs) Rail I Beam of sizes 200x100mm, 175x90 mm,	:	Work done up to the billed quantity and Quality is satisfactory
20	1.1 kV, LT Aerial Bunched Cable, confirming to IS-14255: 1995 XLPE insulation Parameter shall be as below	:	Work done up to the billed quantity and Quality is satisfactory
21	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated	:	Work done up to the billed quantity and Quality is satisfactory

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory